

MEMORANDUM

January 23, 1964

TO: Howard P. Willens

FROM: David W. Belin

SUBJECT: FBI Laboratory Examination of Motion Picture Film

We would like a determination by the FBI Film Laboratory of the following:

1. If a moving picture camera is sighted at an immovable object such as a sign or a tree and a movable object such as an automobile comes into view with relation to the immovable object, can we determine the average speed of the moving object if we know the following:

(a) the amount of elapsed time between each frame in the moving picture film

(b) the length of movement of the movable object between one frame and the next.

2. Assuming that such a determination can be made, is it possible to take certain portions of the filming of the Presidential car where the camera would remain in a relatively constant position and determine the speed of the Presidential car with relation to fixed objects such as a street sign or a tree?

3. If the foregoing determination is possible, what is the best evidence of the speed of the Presidential car and what computations are made to arrive at this speed?

4. If such a computation of speed is not possible, why is it not possible?

Thank you.

SA Lyndal
9:30
Shaneyfelt
Monday